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CLAIMS

4.— - A method comprising the steps of:
deactivating a circuit during a first time period:
enabling a portion of the circuit for a second time period;
sensing an electromagnetic signal during the second time period;
- onabling the circuit for an extended time period that is greater than the second time
period upon the sensing of the electromagnetic signal;
processing the electromagnetic signal during the extended time period to obtain an input
code:
providing a signal to unlook a device if the input code matches the access code.
pro riding a menor to other a do not it the input obdo motories the nocess code.
2. The method of claim 1, further comprising the step of generating an oscillation signal unc
deactivating the circuit in response to the oscillation signal.
deterrating the ontart in response to the osemanon signific.
3. The method of claim 1, further comprising the step of toggling a switch to enable the
circuit for the extended time period.
enedictor the extended time period.
4. The method of claim 1, further comprising the step of operating at least one of the
following in response to the signal to unlock the device: an electromechanical driver: a extensid:
a DC motor; an electromechanical relay; and, a solid state relay.
5 The method of claim I as home to the absorption of the body
5 The method of claim 1, wherein the electromagnetic signal is infrared.
6. The method of claim 1, wherein the electromagnetic signal is within a cadio fraguency.
6. The method of claim 1, wherein the electromagnetic signal is within a radio frequency.
7. The method of claim 1, further comprising the step of activating another portion of the
circuit to compare the input code to an access code.
the art to the the the the telescope to an access civiles
8. A method comprising the steps of:
noriodically combling and disabiling a signal declarate to the first terms.
periodically enabling and disabling a circuit during each of a plurality of duty cycles
wherein the circuit is enabled for a time t, during each of the duty eyeles;
receiving an input code transmitted via an electromagnetic signal:
comparing the input code to an access code;
- enabling the circuit as the input-code is being received for a time to that is greater then
suid time t _i , and,
providing a signal to unlack a device if the input code matches the access code.
9. — The method of claim 8, further comprising the step of sensing receipt of the
electromagnetic signal.
10. The method of claim 8, wherein the electromagnetic signal is infrared.
11 The method of claim 8, wherein the electromagnetic signal is within a radio-frequency.
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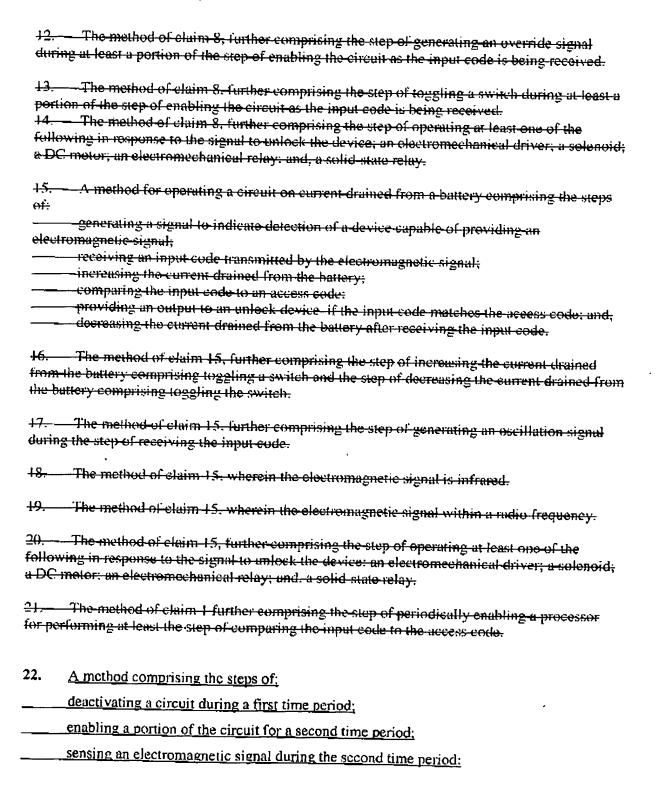
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CLAIMS

1.	—A-method comprising the steps of:
	- deactivating a circuit during a first time period:
	enabling a portion of the circuit for a second time period:
	sensing an electromagnetic signal during the second time period;
-	- enabling the circuit for an extended time period that is greater than the second time
perio	d upon-the sensing-of the electromagnetic signal;
-	-processing the electromagnetic signal during the extended time period to obtain an input
code :	
	comparing the input code to an access code; and
	providing a signal to unlock a device if the input code matches the access code.
2.	The method of claim I, further comprising the step of generating an oscillation signal an
deaet	ivating the circuit in response to the oscillation signal.
3	The method of claim 1, further comprising the step of toggling a switch to enable the
circui	t for the extended time period.
4	The method of claim 1, further comprising the step of operating at least one of the
Folloy	ving in response to the signal to unlock the device; an electromechanical driver; a solenoid
a DC	motor; an electromechanical relay; and, a solid state relay.
5	The method of claim 1, wherein the electromagnetic signal is infrared.
6.	The method of claim-1, wherein the electromagnetic signal is within a radio frequency.
7	The method of claim 1, further comprising the step of activating another portion of the
circu il	to compare the input code to an access code.
8	A-method comprising the stops of:
	periodically enabling and disabling a circuit during each of a plurality of duty cycles
where	in the circuit is enabled for a time t, during each of the duty cycles:
	ressiving an input code transmitted via an electromagnetic signal;
	comparing the input code to an access code;
-	enabling the circuit as the input code is being received for a time to that is greater then
said ti	ne t_i: and,
	providing a signal to unlock a device if the input code matches the access code.
)	The mothod of claim 8, further comprising the step of sensing receipt of the
Heetre	mugnetic signal.
(). _	The method of claim 8, wherein the electromagnetic signal is infrared.
1.	The method of claim 8, wherein the electromagnetic signal is within a radio frequency.

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_	enabling the circuit for an extended time period that is greater than the second	time
pe	riod upon the sensing of the electromagnetic signal;	
	processing the electromagnetic signal during the extended time period to obtain	an inout
CO	de;	
	comparing the input code to an access code;	
	providing a signal to unlock a device if the input code matches the access code	and,
Th	e method of claim 1 further comprising the steps ofreceiving another input co	
	yboard and comparing the other input code to the access code or another access code	
24.	The method of claim 22 further comprising the step of receiving a signal in resp	onse to
рге	essing a program key on the keyboard.	
25.	A method comprising the steps of:	
	deactivating a circuit during a first time period:	
	enabling a portion of the circuit for a second time period;	
	sensing an electromagnetic signal during the second time period;	
	enabling the circuit for an extended time period that is greater than the second ti	<u>me</u>
<u>peri</u>	iod upon the sensing of the electromagnetic signal;	
	processing the electromagnetic signal during the extended time period to obtain	an input
code	<u>e:</u>	
	comparing the input code to an access code;	
	providing a signal to unlock a device if the input code matches the access code;	and,
The	method of claim. I further comprising the steps of periodically enabling a low-batte	ry
<u>dete</u>	ction circuit for measuring a battery voltage during a first time period, and disabling	a <u>the</u>
low-	-battery detection circuit during a second time periodfor measuring a battery voltage	•
26.	A method comprising the steps of:	
	deactivating a circuit during a first time period;	
	enabling a portion of the circuit for a second time period;	
	sensing an electromagnetic signal during the second time period:	

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enabling the circuit for an extended time period that is greater than the second	time
period upon the sensing of the electromagnetic signal;	
processing the electromagnetic signal during the extended time period to obtain	n an input
code;	
comparing the input code to an access code;	
providing a signal to unlock a device if the input code matches the access code	; and,
The method of claim 1 further comprising the steps of providing a non-zero power	
the device, providing a lower non-zero power output to the device, and transitioning fr	-
non-zero power output to the lower non-zero power output.	
27. The method of claim Hurther comprising the step of writing the access code in)to a
momory in response to a write signal received through a communication port.	
28. A method comprising the steps of:	
deactivating a circuit during a first time period;	
enabling a portion of the circuit for a second time period;	
sensing an electromagnetic signal during the second time period:	
enabling the circuit for an extended time period that is greater than the second to	ime
period upon the sensing of the electromagnetic signal:	
processing the electromagnetic signal during the extended time period to obtain	an input
code:	
comparing the input code to an access code:	
providing a signal to unlock a device if the input code matches the access code;	
writing the access code into a memory in response to a write signal received three	ough a
communication port; and,	
The method of claim 27 further comprising the step ofwriting a serial number into	the
memory.	
29. The method of claim 28 further comprising the step of transmitting the serial nur through the communication port.	mber

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30. The method of claim 1 further comprising the step of transmitting the access code through a communication port in response to a read signal.

31.	A method comprising the steps of:			
	periodically enabling and disabling a circuit during each of a plurality of duty cycles			
wherein the circuit is enabled for a time t ₁ during each of the duty cycles;				
	receiving an input code transmitted via an electromagnetic signal;			
	comparing the input code to an access code;			
	enabling the circuit as the input code is being received for a time to that is greater then			
<u>said ti</u>				
	providing a signal to unlock a device if the input code matches the access code; and,			
The-m	ethod of claim 8 further comprising the step ofperiodically enabling a processor for			
	ming at least the step of comparing the input code to the access code.			
32.	A method comprising the steps of:			
	periodically enabling and disabling a circuit during each of a plurality of duty cycles			
wherei	n the circuit is enabled for a time to during each of the duty cycles:			
	receiving an input code transmitted via an electromagnetic signal;			
	comparing the input code to an access code;			
	enabling the circuit as the input code is being received for a time to that is greater then			
said tir				
	providing a signal to unlock a device if the input code matches the access code; and,			
The mo	ethod of claim 8 further comprising the steps ofreceiving another input code from a			
	rd and comparing the other input code to the access code or another access code.			
33.	The method of claim 32 further comprising the step of receiving a signal in response to			
	g a program key on the keyboard.			
34.	A method comprising the steps of:			
	periodically enabling and disabling a circuit during each of a plurality of duty cycles			
wherein	the circuit is enabled for a time to during each of the duty cycles;			

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receiving an input code transmitted via an electromagnetic signal:	
comparing the input code to an access code;	
enabling the circuit as the input code is being received for a time to that is	s greater then
said time ti:	g. sate. Hich
providing a signal to unlock a device if the input code matches the access	coder and
The method of claim-8 further comprising the steps ofperiodically enabling	
low-battery detection circuit for measuring a battery voltage.	, and dishoring a
35. A method comprising the steps of:	
periodically enabling and disabling a circuit during each of a plurality of c	luty cycles
wherein the circuit is enabled for a time to during each of the duty cycles;	-
receiving an input code transmitted via an electromagnetic signal;	
comparing the input code to an access code;	
enabling the circuit as the input code is being received for a time to that is	greater then
said time t _l :	
providing a signal to unlock a device if the input code matches the access of	code; and,
The method of claim 8 further comprising the steps of providing a non-zero [power output to
the device, providing a lower non-zero power output to the device, and transitioning	
non-zero power output to the lower non-zero power output.	
36. The method of claim 8 further comprising the step of writing the access con	d o into a
memory in response to a write-signal received through a communication port.	
37. A method comprising the steps of:	
periodically enabling and disabling a circuit during each of a plurality of du	ity cycles
wherein the circuit is enabled for a time to during each of the duty cycles;	
receiving an input code transmitted via an electromagnetic signal;	
comparing the input code to an access code;	
enabling the circuit as the input code is being received for a time t2 that is gi	reater then
said time t ₁ :	
providing a signal to unlock a device if the input code matches the access of	nde:

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writing the access code into a memory in response to a write signal received through a communication port; and, The method of claim 36 further comprising the step of _____ writing a serial number into the memory. 38. The method of claim 37 further comprising the step of transmitting the serial number through the communication port. 39. The method of claim 8 further comprising the step of transmitting the access code through a communication port in response to a read signal. 40. The method of claim 15 further comprising the step of periodically enabling a processor for performing the stop of comparing the input code to the access code. A method for operating a circuit on current drained from a battery comprising the steps 41. of: generating a signal to indicate detection of a device capable of providing an electromagnetic signal; receiving an input code transmitted by the electromagnetic signal; increasing the current drained from the battery; comparing the input code to an access code; providing an output to an unlock device if the input code matches the access code; decreasing the current drained from the battery after receiving the input code; and, The method of claim 15 further comprising the steps of ___receiving another input code from a keyboard and comparing the other input code to the access code or another access code. The method of claim 41 further comprising the step of receiving a signal in response to 42. pressing a program key on the keyboard. A method for operating a circuit on current drained from a battery comprising the steps 43. of:

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generating a signal to indicate detection of a device capable of providing an
electromagnetic signal;
receiving an input code transmitted by the electromagnetic signal;
increasing the current drained from the battery;
comparing the input code to an access code;
providing an output to an unlock device if the input code matches the access code;
decreasing the current drained from the battery after receiving the input code; and,
The method of claim 15 further comprising the steps of periodically enabling and disabling a
low-battery detection circuit for measuring a battery voltage.
44. A method for operating a circuit on current drained from a battery comprising the steps of:
generating a signal to indicate detection of a device capable of providing an
electromagnetic signal;
receiving an input code transmitted by the electromagnetic signal;
increasing the current drained from the battery;
comparing the input code to an access code;
providing an output to an unlock device if the input code matches the access code;
decreasing the current drained from the battery after receiving the input code; and,
The method of claim 15 further comprising the stops ofproviding a non-zero power output to
the unlock device, providing a lower non-zero power output to the unlock device, and
transitioning from the non-zero power output to the lower non-zero power output.
45. The method of claim 15 further comprising the step of writing the access code into a
memory in response to a write signal received through a communication port.
46. A method for operating a circuit on current drained from a battery comprising the steps
generating a signal to indicate detection of a device capable of providing an
electromagnetic signal;
receiving an input code transmitted by the electromagnetic signal;

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increasing the current drained from the battery;	
comparing the input code to an access code;	
providing an output to an unlock device if the input code match	nes the access code;
decreasing the current drained from the battery after receiving the	he input code:
writing the access code into a memory in response to a write sig	mal received through a
communication port; and,	
The method of claim 45 further comprising the step-ofwriting a se	erial number into the
memory.	
47. The method of claim 46 further comprising the step of transmitti	ing the serial number
through the communication port.	
48. — The method of claim 15 further comprising the stop of transmitti	ing the access code
through a communication part in response to a read signal.	